

# PCT

## REQUEST

The undersigned requests that the present  
s  
according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference **PCT 9/120000**  
(if desired) (12 characters maximum)

**Box No. I TITLE OF INVENTION**  
**IMPROVING TRANSACTION-PROCESSING PERFORMANCE BY PREFERENTIALLY REUSING FREQUENTLY USED PROCESSES**

**Box No. II APPLICANT**

☐ This person is also inventor

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

**UNISYS CORPORATION**  
Unisys Way, MS/E8-114  
Blue Bell, Pennsylvania 19424-0001  
United States of America

Telephone No.  
(215) 986-4339

Facsimile No.  
(215) 986-3090

Teleprinter No.

Applicant's registration No. with the Office

State (that is country) of nationality:  
**US**

State (that is, country) of residence:  
**US**

This person is applicant for the purposes of: ☐ all designated States ☒ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

**Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)**

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

**LOBOZ, Charles**  
16/89 Albert Street  
Hornsby NSW 2077  
Australia

This person is:

☐ applicant only

☒ applicant and inventor

☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is country) of nationality:  
**Australia**

State (that is, country) of residence:  
**Australia**

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on a continuation sheet.

**Box No. IV AGENT OR COMMON REPRESENTATIVE: OR ADDRESS FOR CORRESPONDENCE**

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: ☒ agent ☐ common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

**STARR, Mark T.**  
**RODE, Lise A. and**  
**ATLASS, Michael B.**  
**UNISYS CORPORATION**  
Unisys Way, MS/E8-114  
Blue Bell, Pennsylvania 19424-0001  
United States of America

Telephone No.  
(215) 986-4339

Facsimile No.  
(215) 986-3090

Teleprinter No.

Agent's registration No. with the Office  
**28,762**

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Continuation of Box No. III

FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

If none of the following sub-boxes is used, this sheet should not be included in the request.

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

KELU, Jonatan  
2/149 Blaxcell Street  
Granville NSW 2142  
Australia

This person is:

☐ applicant only☒ applicant and inventor☐ inventor only (If this check-box is marked do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:  
AustraliaState (that is country) of residence:  
Australia

This person is applicant for the purposes of:

☐ all designated States☐ all designated States except the United States of America☒ the United States of America only☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

CHEUNG, Raymond  
6 Silverfern Crescent  
West Pennant Hills  
NSW 2125  
Australia

This person is:

☐ applicant only☒ applicant and inventor☐ inventor only (If this check-box is marked do not fill in below.)

Applicant's registration No. with the Office

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AustraliaState (that is country) of residence:  
Australia

This person is applicant for the purposes of:

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Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

STREET, Paul  
5 Powell Retreat  
Westleigh NSW 2120  
Australia

This person is:

☐ applicant only☒ applicant and inventor☐ inventor only (If this check-box is marked do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:  
AustraliaState (that is country) of residence:  
Australia

This person is applicant for the purposes of:

☐ all designated States☐ all designated States except the United States of America☒ the United States of America only☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

☐ applicant only☐ applicant and inventor☐ inventor only (If this check-box is marked do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is country) of residence:

This person is applicant for the purposes of:

☐ all designated States☐ all designated States except the United States of America☐ the United States of America only☐ the States indicated in the Supplemental Box☐ Further applicants and/or (further) inventors are indicated on another continuation sheet.

**Box No. V DESIGNATION OF STATES**

Mark the applicable check-boxes below; at least one must be marked.

The following designations are hereby made under Rule 4.9(a):

**Regional Patent**

- ☐ **AP ARIPO Patent:** GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line) .....
- ☐ **EA Eurasian Patent:** AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ **EP European Patent:** AT Austria, BE Belgium, CH & LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☐ **OA OAPI Patent:** BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line) .....

**National Patent** (if other kind of protection or treatment desired, specify on dotted line):

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> AE United Arab Emirates               | <input type="checkbox"/> GM Gambia                                    | <input type="checkbox"/> NZ New Zealand .....                   |
| <input type="checkbox"/> AG Antigua and Barbuda                | <input type="checkbox"/> HR Croatia .....                             | <input type="checkbox"/> OM Oman                                |
| <input type="checkbox"/> AL Albania .....                      | <input type="checkbox"/> HU Hungary .....                             | <input type="checkbox"/> PH Philippines .....                   |
| <input type="checkbox"/> AM Armenia .....                      | <input type="checkbox"/> ID Indonesia                                 | <input type="checkbox"/> PL Poland .....                        |
| <input type="checkbox"/> AT Austria .....                      | <input type="checkbox"/> IL Israel .....                              | <input type="checkbox"/> PT Portugal .....                      |
| <input checked="" type="checkbox"/> AU Australia .....         | <input type="checkbox"/> IN India .....                               | <input type="checkbox"/> RO Romania                             |
| <input type="checkbox"/> AZ Azerbaijan .....                   | <input type="checkbox"/> IS Iceland .....                             | <input type="checkbox"/> RU Russian Federation .....            |
| <input type="checkbox"/> BA Bosnia and Herzegovina .....       | <input type="checkbox"/> JP Japan .....                               |   |
| <input type="checkbox"/> BB Barbados                           | <input type="checkbox"/> KE Kenya .....                               | <input type="checkbox"/> SD Sudan                               |
| <input type="checkbox"/> BG Bulgaria .....                     | <input type="checkbox"/> KG Kyrgyzstan                                | <input type="checkbox"/> SE Sweden                              |
| <input type="checkbox"/> BR Brazil .....                       | <input type="checkbox"/> KP Democratic People's Republic of Korea     | <input type="checkbox"/> SG Singapore                           |
| <input type="checkbox"/> BY Belarus .....                      | <input type="checkbox"/> KR Republic of Korea                         | <input type="checkbox"/> SI Slovenia .....                      |
| <input type="checkbox"/> BZ Belize .....                       | <input type="checkbox"/> KZ Kazakhstan                                | <input type="checkbox"/> SK Slovakia .....                      |
| <input type="checkbox"/> CA Canada                             | <input type="checkbox"/> LC Saint Lucia                               | <input type="checkbox"/> SL Sierra Leone                        |
| <input type="checkbox"/> CH & LI Switzerland and Liechtenstein | <input type="checkbox"/> LK Sri Lanka                                 | <input type="checkbox"/> TJ Tajikistan .....                    |
| <input type="checkbox"/> CN China .....                        | <input type="checkbox"/> LR Liberia                                   | <input type="checkbox"/> TM Turkmenistan .....                  |
| <input type="checkbox"/> CO Colombia                           | <input type="checkbox"/> LS Lesotho                                   | <input type="checkbox"/> TN Tunisia                             |
| <input type="checkbox"/> CR Costa Rica .....                   | <input type="checkbox"/> LT Lithuania                                 | <input type="checkbox"/> TR Turkey .....                        |
| <input type="checkbox"/> CU Cuba .....                         | <input type="checkbox"/> LU Luxembourg                                | <input type="checkbox"/> TT Trinidad and Tobago .....           |
| <input type="checkbox"/> CZ Czech Republic .....               | <input type="checkbox"/> LV Latvia                                    |   |
| <input type="checkbox"/> DE Germany .....                      | <input type="checkbox"/> MA Morocco .....                             | <input type="checkbox"/> TZ United Republic of Tanzania         |
| <input type="checkbox"/> DK Denmark                            | <input type="checkbox"/> MD Republic of Moldova                       | <input type="checkbox"/> UA Ukraine                             |
| <input type="checkbox"/> DM Dominica                           |   | <input type="checkbox"/> UG Uganda                              |
| <input type="checkbox"/> DZ Algeria .....                      | <input type="checkbox"/> MG Madagascar .....                          | <input checked="" type="checkbox"/> US United States of America |
| <input type="checkbox"/> EC Ecuador .....                      | <input type="checkbox"/> MK The former Yugoslav Republic of Macedonia | <input type="checkbox"/> UZ Uzbekistan                          |
| <input type="checkbox"/> EE Estonia .....                      | <input type="checkbox"/> MN Mongolia                                  | <input type="checkbox"/> VN Viet Nam                            |
| <input type="checkbox"/> ES Spain .....                        | <input type="checkbox"/> MW Malawi                                    | <input type="checkbox"/> YU Yugoslavia                          |
| <input type="checkbox"/> FI Finland .....                      | <input type="checkbox"/> MX Mexico .....                              | <input type="checkbox"/> ZA South Africa                        |
| <input type="checkbox"/> GB United Kingdom                     | <input type="checkbox"/> MZ Mozambique                                | <input type="checkbox"/> ZM Zambia                              |
| <input type="checkbox"/> GD Grenada                            | <input type="checkbox"/> NO Norway                                    | <input type="checkbox"/> ZW Zimbabwe                            |
| <input type="checkbox"/> GE Georgia .....                      |   |   |
| <input type="checkbox"/> GH Ghana .....                        |   |   |

Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:

- |                                |                                |                                |
|--------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> ..... | <input type="checkbox"/> ..... | <input type="checkbox"/> ..... |
| <input type="checkbox"/> ..... | <input type="checkbox"/> ..... | <input type="checkbox"/> ..... |

**Precautionary Designation Statement:** In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

**Box No. VI PRIORITY CLAIM**

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country	regional application:* regional Office	international application: receiving Office
item (1)				
item (2)				
item (3)				
item (4)				
item (5)				

☐ Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) ( only, if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

☐ all items   
 ☐ item (1)   
 ☐ item (2)   
 ☐ item (3)   
 ☐ item (4)   
 ☐ item 5   
 ☐ other, see Supplemental Box

\* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii):

**Box No. VII INTERNATIONAL SEARCHING AUTHORITY**

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

**ISA/US**

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)                      Number                      Country (or regional Office)

**Box No. VIII DECLARATIONS**

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of  
declarations

- |   |  |   |   |
|---|--|---|---|
| <input type="checkbox"/> Box No. VIII (i)             | Declaration as to the identity of the inventor   | : |   |
| <input type="checkbox"/> Box No. VIII (ii)            | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent             | : |   |
| <input type="checkbox"/> Box No. VIII (iii)           | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | : |   |
| <input checked="" type="checkbox"/> Box No. VIII (iv) | Declaration of inventorship (only for the purposes of the designation of the United States of America)                               | : | 4 |
| <input type="checkbox"/> Box No. VIII (v)             | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty   | : |   |

**Box No. IX CHECK LIST; LANGUAGE OF FILING**

This international application contains:

(a) the following number of

sheets in paper form:

request (including  
declaration sheets)

7

description (excluding  
sequence listing part)

15

claims

2

abstract

0

drawings

3

Sub-total number of sheets :

27

sequence listing part of description

(actual number of sheets if filed

in paper form, whether or not also

filed in computer readable form:

see (b) below)

Total number of sheets :

27

(b) sequence listing part of description filed in  
computer readable form(i) ☐ only (under Section 801 (a)(i))(ii) ☐ in addition to being filed in paper  
form (under Section 801 (a)(ii))Type and number of carriers (diskette,  
CD-ROM, CD-R or other) on which the  
sequence listing part is contained (additional  
copies to be indicated under item 9(ii), in  
right column):This international application is accompanied by the following  
item(s) (mark the applicable check-boxes below and indicate in  
right column the number of each item):Number  
of items1. ☒ fee calculation sheet

1

2. ☐ original separate power of attorney3. ☐ original general power of attorney4. ☒ copy of general power of attorney; reference number,  
if any: \_\_\_\_\_

1

5. ☐ statement explaining lack of signature6. ☐ priority document(s) identified in Box No. VI as  
item(s): \_\_\_\_\_7. ☐ translation of international application into  
(language): \_\_\_\_\_8. ☐ separate indications concerning deposited microorganism  
or other biological material9. ☐ sequence listing in computer readable form (indicate also type  
and numbers of carriers (diskette, CD-ROM, CD-R or other))(i) ☐ copy submitted for the purposes of international search  
under Rule 13ter only (and not as part of the  
international application)(ii) ☐ (only where check-box (b)(i) or (b)(ii) is marked in left  
column) additional copies including, where applicable,  
the copy for the purposes of international search under  
Rule 13 ter(iii) ☐ together with relevant statement as to the identity  
of the copy or copies with the sequence listing part  
mentioned in left column10. ☒ other (specify): PCT PTO-1382, Transmittal Letter

1

Figure of the drawings which  
should accompany the abstract:

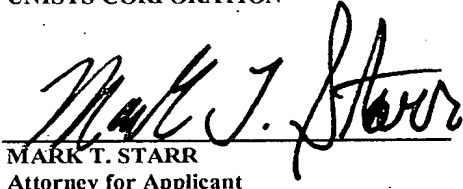
1

Language of filing of the  
international application:

English

**Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from  
reading the request).

UNISYS CORPORATION



MARK T. STARR

Attorney for Applicant

For receiving Office use only

1. Date of actual receipt of purported  
international application:2. Corrected date of actual receipt due to later but  
timely received papers or drawings completing  
the purported international application:4. Date of timely receipt of the required  
corrections under PCT Article 11(2):5. International Searching Authority  
(if two or more are competent): ISA/6. ☐ Transmittal of search copy delayed  
until search fee is paid

2. Drawings:

☐ received:☐ not received:

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Date of receipt of the record copy  
by the International Bureau:

PCT

For Receiving Office use only

## FEE CALCULATION SHEET

Annex to the Request

International Application No.

Applicant's or agent's  
file reference

PCT 9/120000

Date stamp of the receiving Office

Applicant

UNISYS CORPORATION

## CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE 240.00 T

2. SEARCH FEE 700.00 S

International search to be carried out by

US

(If two or more International Searching Authorities are competent to carry out the international search, indicate the name of the Authority which is chosen to carry out the international search.)

3. INTERNATIONAL FEE

## Basic Fee

Where item (b) of Box No. IX applies, enter Sub-total number of sheets

27

Where item (b) of Box No. IX does not apply, enter Total number of sheets

b1 first 30 sheets 407.00 b1

b2 number of sheets x fee per sheet = b2  
in excess of 30b3 additional component (only if sequence listing part of description  
is filed in computer readable form under Section 801 (1)(i), or  
both in that form and on paper, under Section 801 (a)(ii):

400 x fee per sheet = b3

Add amounts entered at b1, b2 and b3 and enter total at B

407.00

B

## Designation Fees

The international application contains 3 designations.

3 x 88.00 = 264.00 D  
number of designation fees payable (maximum 6) amount of designation fee

Add amounts entered at B and D and enter total at I

671.00

I

(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the amounts entered at B and D.)

4. FEE FOR PRIORITY DOCUMENT (if applicable) 15.00 P

5. TOTAL FEES PAYABLE 1626.00  
Add amounts entered at T, S, I and P, and enter total in the TOTAL box TOTAL☐ The designation fees are not paid at this time.

## MODE OF PAYMENT

☒ authorization to charge deposit account (see below) ☐ postal money order ☐ cash ☐ coupons  
☐ cheque ☐ bank draft ☐ revenue stamps ☐ other (specify):

## AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT

(This mode of payment may not be available at all receiving Offices)

☒ Authorization to charge the total fees indicated above.☒ (This check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.☒ Authorization to charge the fee for priority document.

Receiving Office: RO/ US

Deposit Account No.: 19-3790

Date: May 31, 2002

Name: Mark T. Starr

Signature:

